ORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE ATTORNEY'S DOCKET NUMBER TRANSMITTAL LETTER TO THE UNITED STATES 03100288AA U.S. APPLICATION NO. (If known, see 37 CFR 1.5) DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED PCT/DE04/002021 9 SEPTEMBER 2004 12 SEPTEMBER 2003 TITLE OF INVENTION FUEL CELL AND FUEL CELL MODULE THEREFOR APPLICANT(S) FOR DO/EO/US Helmut LESSING and Gunter BORCHARDT Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), 3.  $\boxtimes$ (9) and (24) indicated below.  $\boxtimes$ The US has been elected (Article 31). 5. A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. b.  $\boxtimes$ c. 🔲 is not required, as the application was filed in the United States Receiving Office (RO/US), 6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. 🛛 is attached hereto. b. 🔲 has been previously submitted under 35 U.S.C. 154(d)(4). 7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) are attached hereto (required only if not communicated by the International Bureau). b. have been communicated by the International Bureau. C. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. 8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). 11. A copy of the International Preliminary Examination Report (PCT/IPEA/409). 12. A copy of the International Search Report (PCT/ISA/210). Items 13 to 23 below concern document(s) or information included: 13. An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 14  $\Box$ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 15. A FIRST preliminary amendment. 16. A SECOND or SUBSEQUENT preliminary amendment.

A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.

A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).

A second copy of the published International Application under 35 U.S.C. 154(d)(4).

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A substitute specification.

Express Mail Label No.

A power of attorney and/or change of address letter.

PTO-1390 (Rev. 07-2005)
Approved for use through 3/31/2007. OMB 0651-0021
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U.S. APPLICATION NO (if known, see 37 CFR 1.5) INTERNA			INTERNATIONA	ATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER		
$\sim$	(a)	2	PCT/DE	04/00	2021	03100288AA		
23. Other items or information: PCT/RO /101 (Orig. Request); PCT/ISA/237; PCT/RO/105; PCT/IB/301; PCT/IB/304; PCT/IB/308 (First and Second Notices); PCT/IB/311								
•	g fees have been s					CALCULATIONS	PTO USE	
24. 🖾 Basic na	ational fee		•••••	• • • • •	\$300	\$ \$300.00		
25. ☑ Examination fee (37 CFR 1.492(c))  If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article  All other situations. \$200						\$ \$200.00		
26. Search fee (37 CFR 1.492(b))  If the written opinion fthe ISA/US or the International preliminary examination report by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0  Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the as an International Searching Authority						\$ \$400.00		
	L OF 24, 25 and		**************************************			\$ \$900.00		
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof.  Total Sheets Extra Sheets Number of each additional 50 or RATE								
		fraction	thereof (round up to a v	vhole				
- 100 =	0 /50 =		0		× \$250.00	\$ \$0.00		
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).					\$ \$130.00			
CLAIMS	NUMBER F		NUMBER EXTRA		RATE			
Total claims	14	- 20 =	0	x	\$50.00	\$ \$0.00		
Independent clair	ns 2	- 3=	0	х	\$200.00	\$ \$0.00		
MULTIPLE DEPE	ENDENT CLAIMS	(if applical	ble)	+	\$360.00	\$ \$0.00		
TOTAL OF ABOVE CALCULATIONS =						\$ \$1,030.00		
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.						\$ \$0.00		
				5	SUBTOTAL =	\$ \$1,030.00		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).						\$ \$0.00		
						\$ \$1,030.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +						\$0.00		
TOTAL FEES ENCLOSED =						\$ \$1,030.00		
						Amount to be	\$	
i						Amount to be	\$	

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a. 🛛 A check in the amount of \$	\$1,030.00	to cover the above fees is enclosed.							
b. Please charge my Deposit Ao A duplicate copy of this sheet		in the amount of \$	to cover the above fees.						
c. 🔀 The Commissioner is hereby to Deposit Account No.	2								
	Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.								
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.									
SEND ALL CORRESPONDENCE TO	:	( provos							
Michael E. Whitham		SIGNATURE							
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Suite 340		NAME							
Reston, Virginia 20190		32,635	32,635						
(703) 787-9400		REGISTRATION NUMBE	REGISTRATION NUMBER						
CUSTOMER NUMBER 30843		March 10, 2006	March 10, 2006						
		DATE	DATE						